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Attorney Docket No. 5308-390

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Donofrio

Confirmation No.: 8325

Application No.: 10/815,293

Group Art Unit: 2829

Filed: April 1, 2004

For: *Laser Patterning of Light Emitting Devices and Patterned Light Emitting Devices*

Date: August 26, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the waiver by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(i) for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

No fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 26, 2004.

Traci A. Brown

**FORM PTO-1449 U.S. Department of Commerce**  
**Patent and Trademark Office**
**Attorney Docket Number**  
 5308-390

**Serial No.**  
 10/815,293

**LIST OF DOCUMENTS CITED BY APPLICANT**

(Use several sheets if necessary)

**Applicants:**

Donofrio

**Filing Date**

April 1, 2004

**Group**

2829

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	3,954,534	05/04/76	Scifres et al.	156	7	
	2.	4,545,366	10/08/85	O'Neill	126	440	
	3.	4,672,949	06/16/87	O'Neill	126	700	
	4.	4,711,972	12/08/87	O'Neill	136	246	
	5.	4,719,904	01/19/88	O'Neill	126	650	
	6.	4,918,497	04/17/90	Edmond	357	17	
	7.	4,966,862	10/30/90	Edmond	437	100	
	8.	5,027,168	06/25/91	Edmond	357	17	
	9.	5,210,051	05/11/93	Carter, Jr.	437	107	
	10.	5,338,944	08/16/94	Edmond et al.	257	76	
	11.	5,393,993	02/28/95	Edmond et al.	257	77	
	12.	5,416,342	05/16/95	Edmond et al.	257	76	
	13.	5,498,297	03/12/96	O'Neill et al.	136	246	
	14.	5,505,789	04/09/96	Fraas et al.	136	246	
	15.	5,523,589	06/04/96	Edmond et al.	257	77	
	16.	5,604,135	02/18/97	Edmond et al.	437	22	
	17.	5,631,190	05/20/97	Negley	438	33	
	18.	5,739,554	04/14/98	Edmond et al.	257	103	
	19.	5,779,924	07/14/98	Krames et al.	216	24	
	20.	5,793,062	08/11/98	Kish, Jr. et al.	257	98	
	21.	5,912,477	06/15/99	Negley	257	95	
	22.	6,031,179	02/29/00	O'Neill	136	246	
	23.	6,075,200	06/13/00	O'Neill	136	246	
	24.	6,111,190	08/29/00	O'Neill	136	246	
	25.	6,120,600	09/19/00	Edmond et al.	117	89	

 EXAMINER  
 \*EXAMINER

**DATE CONSIDERED**

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449 U.S. Department of Commerce</b> Patent and Trademark Office  <b>LIST OF DOCUMENTS CITED BY APPLICANT</b>  (Use several sheets if necessary)					Attorney Docket Number 5308-390		Serial No. 10/815,293	
					Applicants: Donofrio			
					Filing Date April 1, 2004			Group 2829
	26.	6,177,688	01/23/01	Linthicum et al.	257	77		
	27.	6,187,606	02/13/01	Edmond et al.	438	46		
	28.	6,201,262	03/13/01	Edmond et al.	257	77		
	29.	6,410,942	06/25/02	Thibeault et al.	257	88		
	30.	2002/0123164	09/05/02	Slater, Jr. et al.	438	39		
	31.	2003/0006418	01/09/03	Emerson et al.	257	79		
	32.	6,657,236	12/02/03	Thibeault et al.	257	98		
	33.	2004/0056260	03/25/04	Slater, Jr. et al.	257	79		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation Yes   No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	34.	Boehlen et al., "Laser Micro-Machining of High Density Optical Structures on Large Substrates," Exitech Ltd, Oxford Industrial Park, 10 pages.						
	35.	Craford, <i>Overview of Device Issues in High-Brightness Light-Emitting Diodes</i> , Chapter 2, <i>High Brightness Light Emitting Diodes: Semiconductors and Semimetals</i> , Vol. 48, Stringfellow et al. ed., Academic Press, 1997, pp. 47-63						
	36.	Köck et al., "Strongly Directional Emission from AlGaAs/GaAs Light Emitting Diodes," <i>Applied Physics Letter</i> , <b>57</b> (22): 2327-2329 (November 26, 1990)						
	37.	Krames et. al., "High Power Truncated-Inverted-Pyramid (Al <sub>x</sub> Ga <sub>1-x</sub> ) <sub>0.5</sub> In <sub>0.5</sub> P/GaP Light-Emitting Diodes Exhibiting >50% External Quantum Efficiency," <i>Applied Physics Letters</i> , <b>75</b> (16): 2365-2367 (October 18, 1999)						
	38.	Shnitzer et al., "30% External Quantum Efficiency from Surface Textured, Thin-Film Light Emitting Diodes," <i>Applied Physics Letters</i> , <b>63</b> (16): 2174-2176 (October 18, 1993)						
	39.	Shnitzer et al., "Ultrahigh Spontaneous Emission Quantum Efficiency, 99.7% Internally and 72% Externally, from AlGaAs/GaAs/AlGaAs Double Heterostructures," <i>Applied Physics Letters</i> , <b>62</b> (2): 131-133 (January 11, 1993)						

 EXAMINER  
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DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.